

Sordin Pro-X

Sordin Pro-X Electronic Ear Muffs Instruction Manual

1. INTRODUCTION

The Sordin Pro-X electronic ear muffs are designed to provide advanced hearing protection while enhancing situational awareness in noisy environments. This manual provides essential instructions for the safe and effective use, maintenance, and care of your Sordin Pro-X ear muffs. Please read this manual thoroughly before using the product.

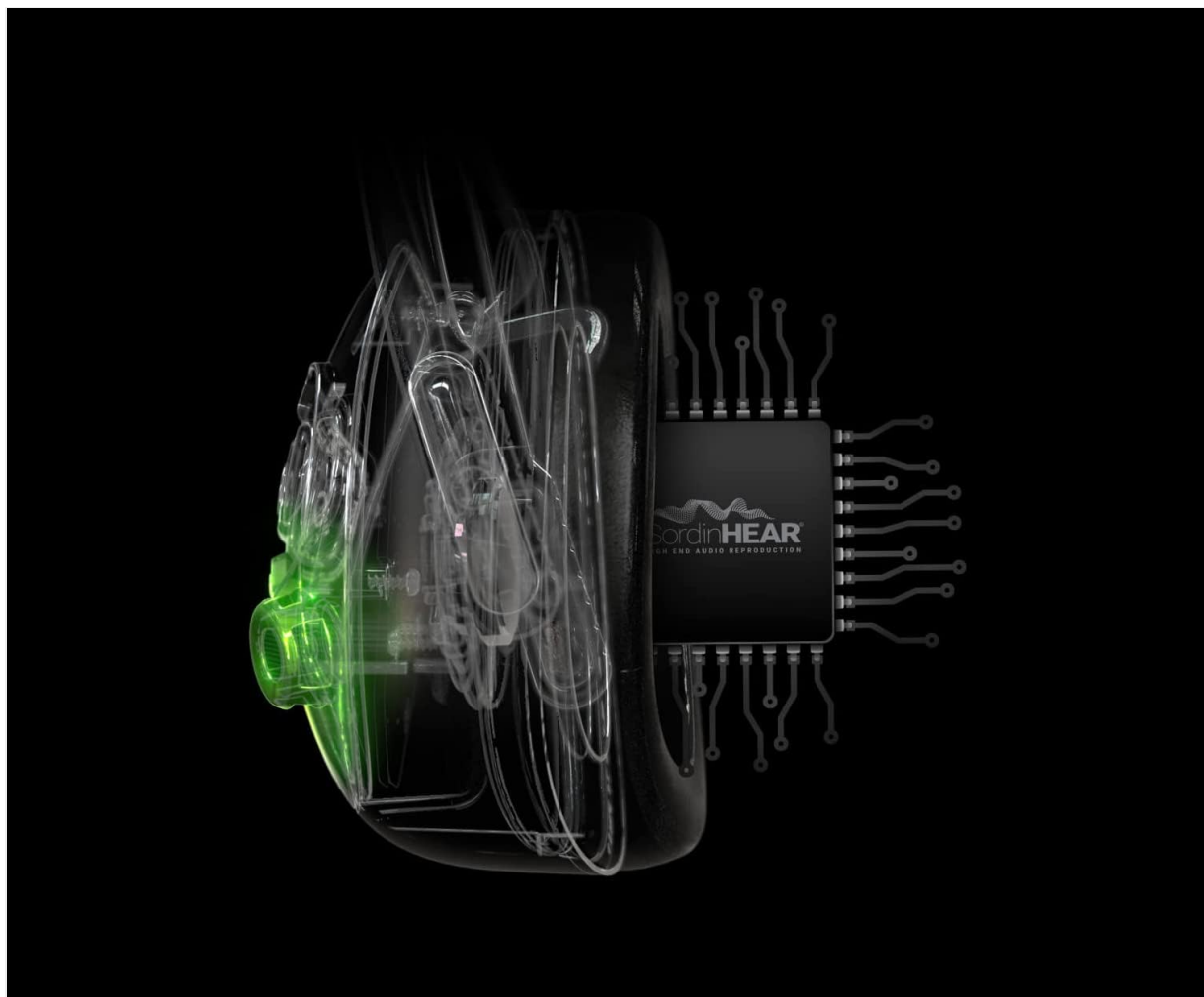
2. PRODUCT OVERVIEW

The Sordin Pro-X series features active noise attenuation and sound amplification, making it suitable for various applications such as hunting and shooting. Key features include:

- **Active Noise Attenuation:** Reduces harmful impulse noises to a safe level.
- **Sound Amplification:** Amplifies ambient sounds, allowing for improved communication and awareness.
- **4 Selectable Sound Modes:** Optimized settings for hunting, focus, shooting, and communication.
- **Waterproof Electronics:** Enhanced durability for outdoor use.
- **Comfortable Gel Pads:** Designed for extended wear.
- **EN 352 Certified:** Meets European standards for hearing protection.



Figure 2.1: Sordin Pro-X Electronic Ear Muffs. This image displays the overall design of the ear muffs, including the olive green ear cups and the camouflage textile headband.



SORDIN

**Active noise amplification, perfect for
hunters, shooters & special forces**

**Aktive Geräusch-Verstärkung, perfekt für
Jäger, Schützen & Spezial-Einheiten**

Figure 2.2: Internal Electronics. This image illustrates the advanced SordinHEAR audio reproduction technology and internal components responsible for active noise amplification.

3. SETUP

3.1 Battery Installation

1. Locate the battery compartment on one of the ear cups.
2. Carefully open the battery compartment cover. This may require a small tool or coin to pry open if it is recessed.
3. Insert two AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely until it clicks into place.



Figure 3.1: Battery Compartment. This image shows the open battery compartment with two AAA batteries inserted, illustrating the correct orientation.

3.2 Fitting the Ear Muffs

1. Extend the headband to its maximum length.
2. Place the ear cups over your ears, ensuring they fully cover your outer ears.
3. Adjust the headband by sliding the ear cups up or down until a comfortable and secure seal is achieved around your ears. The headband should rest on top of your head.
4. Ensure no hair or clothing interferes with the seal between the ear cups and your head, as this can compromise hearing protection.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

To power on the Sordin Pro-X ear muffs, press and hold the central button on the keypad (refer to Figure 4.1) for approximately 2 seconds until you hear an audible confirmation tone. To power off, press and hold the same central button for approximately 2 seconds until you hear a different confirmation tone.

4.2 Volume Control

Adjust the amplification level of ambient sounds using the '+' and '-' buttons located on the keypad (refer to Figure 4.1). Press the '+' button to increase volume and the '-' button to decrease volume. Adjust to a comfortable listening level that allows for clear situational awareness without discomfort.

4.3 Sound Modes

The Sordin Pro-X features four selectable sound modes designed for specific environments:

- **Hunting Mode:** Optimized for detecting subtle sounds in natural environments.
- **Focus Mode:** Enhances speech clarity and reduces background distractions.
- **Shooting Mode:** Provides maximum impulse noise protection while maintaining awareness of commands.
- **Communication Mode:** Balances ambient sound amplification with clear two-way communication (requires external communication device, not included).

To switch between modes, briefly press the central button on the keypad. Each press will cycle through the available modes, indicated by an audible cue.

4.4 External Audio Input

The ear muffs are equipped with a 3.5mm audio input jack (visible in Figure 4.1) for connecting external audio devices, such as communication radios or media players. Connect a standard 3.5mm audio cable (not included) from your device to the input jack on the ear muff. The audio will be heard through the ear muffs.



Figure 4.1: Keypad and Audio Jack. This image highlights the control buttons (+, -, central button) and the 3.5mm audio input jack on the side of the ear cup.

5. MAINTENANCE

5.1 Cleaning

Clean the exterior of the ear muffs with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no moisture enters the electronic components.

5.2 Storage

Store the Sordin Pro-X ear muffs in a dry place, away from direct sunlight and extreme temperatures. When storing for extended periods, remove the batteries to prevent leakage and damage.

5.3 Battery Replacement

Replace batteries when the low battery indicator is activated or when sound quality degrades. Follow the battery installation steps outlined in Section 3.1.

6. TROUBLESHOOTING

- **No Power:** Ensure batteries are correctly installed and not depleted. Replace with fresh AAA batteries if necessary.
- **Poor Sound Quality/No Amplification:** Check battery level. Ensure ear cups form a proper seal around your ears.
- **Intermittent Sound:** Verify battery connections. Ensure no external interference.
- **Discomfort:** Adjust the headband for a better fit. Ensure gel pads are properly seated.

7. SPECIFICATIONS

Model	Sordin Pro-X
Power Source	2 x AAA Batteries
Certification	EN 352
Care Instructions	Clean with a damp cloth. Store in a dry place.
Origin	Imported (Manufactured in Sweden)
Date First Available	April 16, 2025
ASIN	B07NJ6LJC7



SORDIN

Certified as work protection according to EN 352-1/-4/-8

Zertifiziert als Arbeitsschutz nach EN 352-1/-4/-8

Figure 7.1: Certification Label. This image shows the side of an ear cup with the EN 352 certification mark, indicating compliance with European safety standards.

8. SAFETY INFORMATION

- Always ensure the ear muffs are properly fitted to achieve the stated noise reduction.
- Do not modify the ear muffs, as this may compromise their protective capabilities.
- Regularly inspect ear cups and gel pads for wear and tear. Replace damaged components immediately.
- The effectiveness of hearing protection can be reduced by hair, eyeglasses, or other items that interfere with the seal.
- Prolonged exposure to loud noises, even with hearing protection, can still cause hearing damage.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please contact Sordin customer service directly. Refer to the official Sordin website or product packaging for contact details.

